Conductive fibre for mfg. working clothes for IC mfg. facilities - comprises polyacrylic fibre dyed with cationic dye, and dipped into treatment liq. contg. oxidation polymerisation agent joinable polymer
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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 3294579	A	19911225				199208	B
JP 95026332	B2	19950322	JP 9093917	A	19900411	199516	

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 95026332	B2		4	D06M-015/356	Based on patent JP 3294579

Abstract:
JP 3294579 A

Fibre is prepd. by dyeing an acryl fibre with a cationic dye, then dipping into a treatment liq contg. oxidation polymerising agent and monomer forming ane electron conjugated system polymer

and used to prepare a composite acrylic fibre.

The shape of fibre is, e.g., staple fibre, multifilament, spun yarn, woven fabric, nonwoven fabric, knitted fabric. The acryl fibre may be contained with less than 50 wt.% of fibre such as nylon, PET, cation dyeable polyester, PVA, cellulose, wool, silk, cotton, PE, PP. Blend of fibre may be composite fibre such as sea island, core sheath, split side by side or alternate arrangement. The object fibre may be cation dyeable polyester fibre. The monomer for electron conjugated system includes pyrrole, thiophene, furan, indole or derivs. e.g. N-methyl pyrrole, 3-methyl pyrrole, 3-methyl thiophene, 3-methyl furan, 3-methyl indole.

USE/ADVANTAGE - Fibre is useful for working wear used in IC mfg. factory. Fibre has good durable conductivity. 92026623